

M Mallar Chakravarty

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

242
papers

12,003
citations

51
h-index

104
g-index

264
ext. papers

15,659
ext. citations

6.4
avg, IF

6.11
L-index

#	Paper	IF	Citations
242	Investigating structural subdivisions of the anterior cingulate cortex in schizophrenia, with implications for treatment resistance and glutamatergic levels.. <i>Journal of Psychiatry and Neuroscience</i> , 2022 , 47, E1-E10	4.5	0
241	Maternal high-fat diet in mice induces cerebrovascular, microglial and long-term behavioural alterations in offspring.. <i>Communications Biology</i> , 2022 , 5, 26	6.7	0
240	Striatal glutamate, subcortical structure and clinical response to first-line treatment in first-episode psychosis patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022 , 113, 110473	5.5	0
239	Differential effects of early or late exposure to prenatal maternal immune activation on mouse embryonic neurodevelopment.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2114545119	11.5	1
238	Neurochemical and cognitive changes precede structural abnormalities in the TgF344-AD rat model.. <i>Brain Communications</i> , 2022 , 4, fcac072	4.5	0
237	Inter- and intra-individual variation in brain structural-cognition relationships in aging.. <i>NeuroImage</i> , 2022 , 119254	7.9	0
236	Analyses of microstructural variation in the human striatum using non-negative matrix factorization. <i>NeuroImage</i> , 2021 , 246, 118744	7.9	1
235	Longitudinal characterization of neuroanatomical changes in the Fischer 344 rat brain during normal aging and between sexes. <i>Neurobiology of Aging</i> , 2021 , 109, 216-228	5.6	2
234	Early musical training shapes cortico-cerebellar structural covariation. <i>Brain Structure and Function</i> , 2021 , 1	4	0
233	Subtle alterations in neonatal neurodevelopment following early or late exposure to prenatal maternal immune activation in mice. <i>NeuroImage: Clinical</i> , 2021 , 32, 102868	5.3	1
232	Longitudinal Changes After Amygdala Surgery for Intractable Aggressive Behavior: Clinical, Imaging Genetics, and Deformation-Based Morphometry Study-A Case Series. <i>Neurosurgery</i> , 2021 , 88, E158-E169 ^{3.2}		6
231	Dissecting autism and schizophrenia through neuroimaging genomics. <i>Brain</i> , 2021 , 144, 1943-1957	11.2	5
230	Mapping autonomic, mood and cognitive effects of hypothalamic region deep brain stimulation. <i>Brain</i> , 2021 , 144, 2837-2851	11.2	4
229	A systematic review of neuroimaging and acute cannabis exposure in age-of-risk for psychosis. <i>Translational Psychiatry</i> , 2021 , 11, 217	8.6	1
228	Embracing diversity and inclusivity in an academic setting: Insights from the Organization for Human Brain Mapping. <i>NeuroImage</i> , 2021 , 229, 117742	7.9	4
227	Brain cortical and subcortical morphology in adolescents with depression and a history of suicide attempt. <i>Journal of Psychiatry and Neuroscience</i> , 2021 , 46, E347-E357	4.5	2
226	Hippocampal subfield volumes across the healthy lifespan and the effects of MR sequence on estimates. <i>NeuroImage</i> , 2021 , 233, 117931	7.9	5

225	Amyloid and Tau Pathology Associations With Personality Traits, Neuropsychiatric Symptoms, and Cognitive Lifestyle in the Preclinical Phases of Sporadic and Autosomal Dominant Alzheimer's Disease. <i>Biological Psychiatry</i> , 2021 , 89, 776-785	7.9	13
224	Structural Brain Differences Between Cognitively Impaired Patients With and Without Apathy. <i>American Journal of Geriatric Psychiatry</i> , 2021 , 29, 319-332	6.5	4
223	Open science datasets from PREVENT-AD, a longitudinal cohort of pre-symptomatic Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2021 , 31, 102733	5.3	7
222	Sex-specific associations between subcortical morphometry in childhood and adult alcohol consumption: A 17-year follow-up study. <i>NeuroImage: Clinical</i> , 2021 , 31, 102771	5.3	0
221	A Diagnosis and Biotype Comparison Across the Psychosis Spectrum: Investigating Volume and Shape Amygdala-Hippocampal Differences from the B-SNIP Study. <i>Schizophrenia Bulletin</i> , 2021 , 47, 1706-1717	13.7	1
220	Maternal high-fat diet modifies myelin organization, microglial interactions, and results in social memory and sensorimotor gating deficits in adolescent mouse offspring. <i>Brain, Behavior, & Immunity - Health</i> , 2021 , 15, 100281	5.1	3
219	Hippocampal neuroanatomy in first episode psychosis: A putative role for glutamate and serotonin receptors. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021 , 110, 110297	5.5	7
218	Central nervous system atrophy predicts future dynamics of disability progression in a real-world multiple sclerosis cohort. <i>European Journal of Neurology</i> , 2021 , 28, 4153-4166	6	3
217	Quantitative and Qualitative Sex Modulations in the Brain Anatomy of Autism. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021 , 6, 898-909	3.4	1
216	The impact of the Siemens Tim Trio to Prisma upgrade and the addition of volumetric navigators on cortical thickness, structure volume, and H-MRS indices: An MRI reliability study with implications for longitudinal study designs. <i>NeuroImage</i> , 2021 , 238, 118172	7.9	1
215	Disruptions in white matter microstructure associated with impaired visual associative memory in schizophrenia-spectrum illness. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021 , 1	5.1	0
214	Early or Late Gestational Exposure to Maternal Immune Activation Alters Neurodevelopmental Trajectories in Mice: An Integrated Neuroimaging, Behavioral, and Transcriptional Study. <i>Biological Psychiatry</i> , 2021 , 90, 328-341	7.9	6
213	Hippocampal shape across the healthy lifespan and its relationship with cognition. <i>Neurobiology of Aging</i> , 2021 , 106, 153-168	5.6	2
212	Cumulative exposure to ADHD medication is inversely related to hippocampus subregional volume in children. <i>NeuroImage: Clinical</i> , 2021 , 31, 102695	5.3	
211	Propagating Uncertainty Across Cascaded Medical Imaging Tasks For Improved Deep Learning Inference. <i>IEEE Transactions on Medical Imaging</i> , 2021 , PP,	11.7	1
210	Lateral geniculate nucleus volume changes after optic neuritis in neuromyelitis optica: A longitudinal study. <i>NeuroImage: Clinical</i> , 2021 , 30, 102608	5.3	3
209	Volumetric, shape and microstructural alterations of the hippocampal subfields in healthy aging. <i>Alzheimer's and Dementia</i> , 2020 , 16, e039589	1.2	0
208	Lifetime brain structural trajectories in TAUPS2APP mouse model of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045523	1.2	

207	An MRI-Derived Neuroanatomical Atlas of the Fischer 344 Rat Brain. <i>Scientific Reports</i> , 2020 , 10, 6952	4.9	10
206	Altered hippocampal centrality and dynamic anatomical covariance of intracortical microstructure in first episode psychosis. <i>Hippocampus</i> , 2020 , 30, 1058-1072	3.5	3
205	Glutamatergic neurometabolites and cortical thickness in treatment-resistant schizophrenia: Implications for glutamate-mediated excitotoxicity. <i>Journal of Psychiatric Research</i> , 2020 , 124, 151-158	5.2	12
204	Longitudinal patterns of cortical thinning in multiple sclerosis. <i>Human Brain Mapping</i> , 2020 , 41, 2198-2215	5.9	14
203	Greater cortical thickness in individuals with ASD. <i>Molecular Psychiatry</i> , 2020 , 25, 507-508	15.1	1
202	Volume loss in the deep gray matter and thalamic subnuclei: a longitudinal study on disability progression in multiple sclerosis. <i>Journal of Neurology</i> , 2020 , 267, 1536-1546	5.5	15
201	White matter microstructural organizations in patients with severe treatment-resistant schizophrenia: A diffusion tensor imaging study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020 , 100, 109871	5.5	13
200	Cholinergic dysfunction in the dorsal striatum promotes habit formation and maladaptive eating. <i>Journal of Clinical Investigation</i> , 2020 , 130, 6616-6630	15.9	8
199	Neuroanatomical predictors of response to subcallosal cingulate deep brain stimulation for treatment-resistant depression. <i>Journal of Psychiatry and Neuroscience</i> , 2020 , 45, 45-54	4.5	13
198	Thalamic and striato-pallidal volumes in schizophrenia patients and individuals at risk for psychosis: A multi-atlas segmentation study. <i>Schizophrenia Research</i> , 2020 ,	3.6	6
197	Do Unremitted Psychotic Symptoms Have an Effect on the Brain? A 2-Year Follow-up Imaging Study in First-Episode Psychosis. <i>Schizophrenia Bulletin Open</i> , 2020 , 1, sgaa039	2.2	4
196	Investigating microstructural variation in the human hippocampus using non-negative matrix factorization. <i>NeuroImage</i> , 2020 , 207, 116348	7.9	11
195	Spatial Patterning of Tissue Volume Loss in Schizophrenia Reflects Brain Network Architecture. <i>Biological Psychiatry</i> , 2020 , 87, 727-735	7.9	28
194	Interactive effects of age and recent substance use on striatal shape morphology at substance use disorder treatment entry. <i>Drug and Alcohol Dependence</i> , 2020 , 206, 107728	4.9	0
193	Levels of glutamatergic neurometabolites in patients with severe treatment-resistant schizophrenia: a proton magnetic resonance spectroscopy study. <i>Neuropsychopharmacology</i> , 2020 , 45, 632-640	8.7	19
192	Neuroanatomical profiles of treatment-resistance in patients with schizophrenia spectrum disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020 , 99, 109839	5.5	4
191	Cover Image, Volume 30, Issue 10. <i>Hippocampus</i> , 2020 , 30, C1	3.5	
190	Fully Automated Habenula Segmentation Provides Robust and Reliable Volume Estimation Across Large Magnetic Resonance Imaging Datasets, Suggesting Intriguing Developmental Trajectories in Psychiatric Disease. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020 , 5, 923-929	3.4	8

189	Apathy is not associated with reduced ventral striatal volume in patients with schizophrenia. <i>Schizophrenia Research</i> , 2020 , 223, 279-288	3.6	3
188	Latent Clinical-Anatomical Dimensions of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020 , 46, 1426-1438	1.3	8
187	Characterizing the Subcortical Structures in Youth with Congenital Heart Disease. <i>American Journal of Neuroradiology</i> , 2020 , 41, 1503-1508	4.4	1
186	Refractoriness of aggressive behaviour to pharmacological treatment: cortical thickness analysis in autism spectrum disorder. <i>BJPsych Open</i> , 2020 , 6, e85	5	5
185	Ventral posterior nucleus volume is associated with neuropathic pain intensity in neuromyelitis optica spectrum disorders. <i>Multiple Sclerosis and Related Disorders</i> , 2020 , 46, 102579	4	5
184	Association of early skin breaks and neonatal thalamic maturation: A modifiable risk?. <i>Neurology</i> , 2020 , 95, e3420-e3427	6.5	2
183	Large-scale analyses of the relationship between sex, age and intelligence quotient heterogeneity and cortical morphometry in autism spectrum disorder. <i>Molecular Psychiatry</i> , 2020 , 25, 614-628	15.1	64
182	Sex-biased trajectories of amygdalo-hippocampal morphology change over human development. <i>NeuroImage</i> , 2020 , 204, 116122	7.9	16
181	Common functional networks in the mouse brain revealed by multi-centre resting-state fMRI analysis. <i>NeuroImage</i> , 2020 , 205, 116278	7.9	69
180	From Maternal Diet to Neurodevelopmental Disorders: A Story of Neuroinflammation. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 612705	6.1	19
179	Hand preference and local asymmetry in cerebral cortex, basal ganglia, and cerebellar white matter. <i>Brain Structure and Function</i> , 2019 , 224, 2899-2905	4	9
178	Identifying schizophrenia subgroups using clustering and supervised learning. <i>Schizophrenia Research</i> , 2019 , 214, 51-59	3.6	16
177	Acute and long-term effects of electroconvulsive therapy on human dentate gyrus. <i>Neuropsychopharmacology</i> , 2019 , 44, 1805-1811	8.7	32
176	Role of D3 dopamine receptors in modulating neuroanatomical changes in response to antipsychotic administration. <i>Scientific Reports</i> , 2019 , 9, 7850	4.9	11
175	Rostral-Caudal Hippocampal Functional Convergence Is Reduced Across the Alzheimer's Disease Spectrum. <i>Molecular Neurobiology</i> , 2019 , 56, 8336-8344	6.2	2
174	The P300 event-related potential in bipolar disorder: A systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , 2019 , 256, 234-249	6.6	14
173	Neurologic Examination Findings Associated With Small Cerebellar Volumes After Prematurity. <i>Journal of Child Neurology</i> , 2019 , 34, 586-592	2.5	7
172	Evidence for Network-Based Cortical Thickness Reductions in Schizophrenia. <i>American Journal of Psychiatry</i> , 2019 , 176, 552-563	11.9	42

171	Larger Amygdala Volume Mediates the Association Between Prenatal Maternal Stress and Higher Levels of Externalizing Behaviors: Sex Specific Effects in Project Ice Storm. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 144	3.3	35
170	Hippocampal alterations and functional correlates in adolescents and young adults with congenital heart disease. <i>Human Brain Mapping</i> , 2019 , 40, 3548-3560	5.9	13
169	Longitudinal assessment of the neuroanatomical consequences of deep brain stimulation: Application of fornical DBS in an Alzheimer's mouse model. <i>Brain Research</i> , 2019 , 1715, 213-223	3.7	6
168	Hippocampus, Amygdala, and Thalamus Volumes in Very Preterm Children at 8 Years: Neonatal Pain and Genetic Variation. <i>Frontiers in Behavioral Neuroscience</i> , 2019 , 13, 51	3.5	40
167	Fimbria-Fornix Volume Is Associated With Spatial Memory and Olfactory Identification in Humans. <i>Frontiers in Systems Neuroscience</i> , 2019 , 13, 87	3.5	5
166	Animal Functional Magnetic Resonance Imaging: Trends and Path Toward Standardization. <i>Frontiers in Neuroinformatics</i> , 2019 , 13, 78	3.9	31
165	White matter injury in term neonates with congenital heart diseases: Topology & comparison with preterm newborns. <i>NeuroImage</i> , 2019 , 185, 742-749	7.9	38
164	Clarifying associations between cortical thickness, subcortical structures, and a comprehensive assessment of clinical insight in enduring schizophrenia. <i>Schizophrenia Research</i> , 2019 , 204, 245-252	3.6	10
163	Polygenic Risk and Neural Substrates of Attention-Deficit/Hyperactivity Disorder Symptoms in Youths With a History of Mild Traumatic Brain Injury. <i>Biological Psychiatry</i> , 2019 , 85, 408-416	7.9	16
162	Fornix-Region Deep Brain Stimulation-Induced Memory Flashbacks in Alzheimer's Disease. <i>New England Journal of Medicine</i> , 2019 , 381, 783-785	59.2	21
161	Using proton magnetic resonance spectroscopic imaging to study glutamatergic alterations in patients with schizophrenia: A systematic review. <i>Schizophrenia Research</i> , 2019 , 210, 13-20	3.6	4
160	An artificial neural network model for clinical score prediction in Alzheimer disease using structural neuroimaging measures. <i>Journal of Psychiatry and Neuroscience</i> , 2019 , 44, 246-260	4.5	17
159	Progress update from the hippocampal subfields group. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 439-449	5.2	16
158	The role of maternal immune activation in altering the neurodevelopmental trajectories of offspring: A translational review of neuroimaging studies with implications for autism spectrum disorder and schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 104, 141-157	9	31
157	MR-based age-related effects on the striatum, globus pallidus, and thalamus in healthy individuals across the adult lifespan. <i>Human Brain Mapping</i> , 2019 , 40, 5269-5288	5.9	27
156	The effect of second-generation antipsychotics on basal ganglia and thalamus in first-episode psychosis patients. <i>European Neuropsychopharmacology</i> , 2019 , 29, 1408-1418	1.2	3
155	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	4.6	81
154	Longitudinally Mapping Childhood Socioeconomic Status Associations with Cortical and Subcortical Morphology. <i>Journal of Neuroscience</i> , 2019 , 39, 1365-1373	6.6	74

153	Contributions of a high-fat diet to Alzheimer's disease-related decline: A longitudinal behavioural and structural neuroimaging study in mouse models. <i>NeuroImage: Clinical</i> , 2019 , 21, 101606	5.3	27
152	Hippocampal subfields and visuospatial associative memory across stages of schizophrenia-spectrum disorder. <i>Psychological Medicine</i> , 2019 , 49, 2452-2462	6.9	13
151	Can we accurately classify schizophrenia patients from healthy controls using magnetic resonance imaging and machine learning? A multi-method and multi-dataset study. <i>Schizophrenia Research</i> , 2019 , 214, 3-10	3.6	29
150	Striatal neurometabolite levels in patients with schizophrenia undergoing long-term antipsychotic treatment: A proton magnetic resonance spectroscopy and reliability study. <i>Psychiatry Research - Neuroimaging</i> , 2018 , 273, 16-24	2.9	10
149	Subjective Cognitive Decline Is Associated With Altered Default Mode Network Connectivity in Individuals With a Family History of Alzheimer's Disease. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 463-472	3.4	30
148	Early Procedural Pain Is Associated with Regionally-Specific Alterations in Thalamic Development in Preterm Neonates. <i>Journal of Neuroscience</i> , 2018 , 38, 878-886	6.6	91
147	A multicohort, longitudinal study of cerebellar development in attention deficit hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018 , 59, 1114-1123	7.9	19
146	Regional brain volume changes following chronic antipsychotic administration are mediated by the dopamine D2 receptor. <i>NeuroImage</i> , 2018 , 176, 226-238	7.9	20
145	Manual segmentation of the fornix, fimbria, and alveus on high-resolution 3T MRI: Application via fully-automated mapping of the human memory circuit white and grey matter in healthy and pathological aging. <i>NeuroImage</i> , 2018 , 170, 132-150	7.9	35
144	Gray-matter structural variability in the human cerebellum: Lobule-specific differences across sex and hemisphere. <i>NeuroImage</i> , 2018 , 170, 164-173	7.9	16
143	Evaluating accuracy of striatal, pallidal, and thalamic segmentation methods: Comparing automated approaches to manual delineation. <i>NeuroImage</i> , 2018 , 170, 182-198	7.9	50
142	Toward defining deep brain stimulation targets in MNI space: A subcortical atlas based on multimodal MRI, histology and structural connectivity. <i>NeuroImage</i> , 2018 , 170, 271-282	7.9	253
141	Reduced resting-state functional connectivity of the basolateral amygdala to the medial prefrontal cortex in preweaning rats exposed to chronic early-life stress. <i>Brain Structure and Function</i> , 2018 , 223, 3711-3729	4	28
140	Heritability estimates of cortical anatomy: The influence and reliability of different estimation strategies. <i>NeuroImage</i> , 2018 , 178, 78-91	7.9	14
139	Early-in-life neuroanatomical and behavioural trajectories in a triple transgenic model of Alzheimer's disease. <i>Brain Structure and Function</i> , 2018 , 223, 3365-3382	4	17
138	TSPO expression and brain structure in the psychosis spectrum. <i>Brain, Behavior, and Immunity</i> , 2018 , 74, 79-85	16.6	8
137	Deep Brain Stimulation Targeting the Fornix for Mild Alzheimer Dementia (the ADvance Trial): A Two Year Follow-up Including Results of Delayed Activation. <i>Journal of Alzheimer's Disease</i> , 2018 , 64, 597-606	4.3	42
136	Neuroanatomical phenotypes in mental illness: identifying convergent and divergent cortical phenotypes across autism, ADHD and schizophrenia. <i>Journal of Psychiatry and Neuroscience</i> , 2018 , 43, 201-212	4.5	41

135	Regionally specific changes in the hippocampal circuitry accompany progression of cerebrospinal fluid biomarkers in preclinical Alzheimer's disease. <i>Human Brain Mapping</i> , 2018 , 39, 971-984	5.9	24
134	Procedural pain and oral glucose in preterm neonates: brain development and sex-specific effects. <i>Pain</i> , 2018 , 159, 515-525	8	47
133	Amotivation is associated with smaller ventral striatum volumes in older patients with schizophrenia. <i>International Journal of Geriatric Psychiatry</i> , 2018 , 33, 523-530	3.9	6
132	Deformation-based Morphometry MRI Reveals Brain Structural Modifications in Living Mu Opioid Receptor Knockout Mice. <i>Frontiers in Psychiatry</i> , 2018 , 9, 643	5	2
131	Trait impulsivity is not related to post-commissural putamen volumes: A replication study in healthy men. <i>PLoS ONE</i> , 2018 , 13, e0209584	3.7	6
130	Healthy versus Entorhinal Cortical Atrophy Identification in Asymptomatic APOE4 Carriers at Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018 , 61, 1493-1507	4.3	9
129	An intrinsic association between olfactory identification and spatial memory in humans. <i>Nature Communications</i> , 2018 , 9, 4162	17.4	27
128	Modeling and prediction of clinical symptom trajectories in Alzheimer's disease using longitudinal data. <i>PLoS Computational Biology</i> , 2018 , 14, e1006376	5	54
127	Dissecting genetic cross-talk between ADHD and other neurodevelopmental disorders: Evidence from behavioural, pharmacological and brain imaging investigations. <i>Psychiatry Research</i> , 2018 , 269, 652-657	9.9	3
126	Focused ultrasound thalamotomy location determines clinical benefits in patients with essential tremor. <i>Brain</i> , 2018 , 141, 3405-3414	11.2	84
125	Normative brain size variation and brain shape diversity in humans. <i>Science</i> , 2018 , 360, 1222-1227	33.3	117
124	Warping an atlas derived from serial histology to 5 high-resolution MRIs. <i>Scientific Data</i> , 2018 , 5, 1801078.2		18
123	T154. Electroconvulsive Therapy Induces Age-Dependent Volume Increase in the Human Dentate Gyrus. <i>Biological Psychiatry</i> , 2018 , 83, S188	7.9	2
122	Quantitative assessment of white matter injury in preterm neonates: Association with outcomes. <i>Neurology</i> , 2017 , 88, 614-622	6.5	80
121	Classification of suicide attempters in schizophrenia using sociocultural and clinical features: A machine learning approach. <i>General Hospital Psychiatry</i> , 2017 , 47, 20-28	5.6	22
120	Intranasal oxytocin does not modulate jumping to conclusions in schizophrenia: Potential interactions with caudate volume and baseline social functioning. <i>Psychoneuroendocrinology</i> , 2017 , 81, 80-87	5	5
119	Kynurenic Acid in Schizophrenia: A Systematic Review and Meta-analysis. <i>Schizophrenia Bulletin</i> , 2017 , 43, 764-777	1.3	110
118	Your algorithm might think the hippocampus grows in Alzheimer's disease: Caveats of longitudinal automated hippocampal volumetry. <i>Human Brain Mapping</i> , 2017 , 38, 2875-2896	5.9	19

117	Cortical surface-based threshold-free cluster enhancement and cortexwise mediation. <i>Human Brain Mapping</i> , 2017 , 38, 2795-2807	5.9	10
116	Allometric Analysis Detects Brain Size-Independent Effects of Sex and Sex Chromosome Complement on Human Cerebellar Organization. <i>Journal of Neuroscience</i> , 2017 , 37, 5221-5231	6.6	44
115	Trait impulsiveness is related to smaller post-commissural putamen volumes in males but not females. <i>European Journal of Neuroscience</i> , 2017 , 46, 2253-2264	3.5	9
114	Smaller hippocampal subfield volumes predict verbal associative memory in pediatric brain tumor survivors. <i>Hippocampus</i> , 2017 , 27, 1140-1154	3.5	20
113	The relationship between subcortical brain volume and striatal dopamine D receptor availability in healthy humans assessed with [C]-raclopride and [C]-(+)-PHNO PET. <i>Human Brain Mapping</i> , 2017 , 38, 5519-5534	5.9	9
112	Hippocampal and Clinical Trajectories of Mild Cognitive Impairment with Suspected Non-Alzheimer's Disease Pathology. <i>Journal of Alzheimer's Disease</i> , 2017 , 58, 747-762	4.3	8
111	CERES: A new cerebellum lobule segmentation method. <i>NeuroImage</i> , 2017 , 147, 916-924	7.9	73
110	A harmonized segmentation protocol for hippocampal and parahippocampal subregions: Why do we need one and what are the key goals?. <i>Hippocampus</i> , 2017 , 27, 3-11	3.5	84
109	Microstructural Integrity of Hippocampal Subregions Is Impaired after Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017 , 34, 1402-1411	5.4	11
108	Hippocampal shape alterations are associated with regional A β load in cognitively normal elderly individuals. <i>European Journal of Neuroscience</i> , 2017 , 45, 1241-1251	3.5	5
107	The Effects of Cortical Hypometabolism and Hippocampal Atrophy on Clinical Trajectories in Mild Cognitive Impairment with Suspected Non-Alzheimer's Pathology: A Brief Report. <i>Journal of Alzheimer's Disease</i> , 2017 , 60, 341-347	4.3	4
106	Bipolar disorder risk gene modulates negative symptoms in schizophrenia: a neuroimaging genetics study. <i>Journal of Psychiatry and Neuroscience</i> , 2017 , 42, 172-180	4.5	4
105	Neuroanatomical and Symptomatic Sex Differences in Individuals at Clinical High Risk for Psychosis. <i>Frontiers in Psychiatry</i> , 2017 , 8, 291	5	8
104	Subcortical Shape Changes, Hippocampal Atrophy and Cortical Thinning in Future Alzheimer's Disease Patients. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 38	5.3	26
103	Differing Time of Onset of Concurrent TMS-fMRI during Associative Memory Encoding: A Measure of Dynamic Connectivity. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 404	3.3	13
102	BIDS apps: Improving ease of use, accessibility, and reproducibility of neuroimaging data analysis methods. <i>PLoS Computational Biology</i> , 2017 , 13, e1005209	5	129
101	A dataset of multi-contrast population-averaged brain MRI atlases of a Parkinson's disease cohort. <i>Data in Brief</i> , 2017 , 12, 370-379	1.2	53
100	Heritability of hippocampal subfield volumes using a twin and non-twin siblings design. <i>Human Brain Mapping</i> , 2017 , 38, 4337-4352	5.9	17

99	Structural brain changes following subthalamic nucleus deep brain stimulation in Parkinson's disease. <i>Movement Disorders</i> , 2016 , 31, 1423-5	7	31
98	The developing human brain: age-related changes in cortical, subcortical, and cerebellar anatomy. <i>Brain and Behavior</i> , 2016 , 6, e00457	3.4	45
97	Glutamatergic Metabolites, Volume and Cortical Thickness in Antipsychotic-Naive Patients with First-Episode Psychosis: Implications for Excitotoxicity. <i>Neuropsychopharmacology</i> , 2016 , 41, 2606-13	8.7	39
96	Prefrontal White Matter Structure Mediates the Influence of GAD1 on Working Memory. <i>Neuropsychopharmacology</i> , 2016 , 41, 2224-31	8.7	22
95	Hippocampus and amygdala volumes from magnetic resonance images in children: Assessing accuracy of FreeSurfer and FSL against manual segmentation. <i>NeuroImage</i> , 2016 , 129, 1-14	7.9	90
94	An Allometric Analysis of Sex and Sex Chromosome Dosage Effects on Subcortical Anatomy in Humans. <i>Journal of Neuroscience</i> , 2016 , 36, 2438-48	6.6	45
93	Cortical thickness and low insight into symptoms in enduring schizophrenia. <i>Schizophrenia Research</i> , 2016 , 170, 66-72	3.6	24
92	Deep brain stimulation of the ventromedial prefrontal cortex causes reorganization of neuronal processes and vasculature. <i>NeuroImage</i> , 2016 , 125, 422-427	7.9	32
91	Cortical Amyloid β Deposition and Current Depressive Symptoms in Alzheimer Disease and Mild Cognitive Impairment. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2016 , 29, 149-59	3.8	23
90	Depressive Symptoms and Small Hippocampal Volume Accelerate the Progression to Dementia from Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2016 , 49, 743-54	4.3	28
89	Volumetric and shape analysis of the thalamus and striatum in amnesic mild cognitive impairment. <i>Journal of Alzheimer's Disease</i> , 2016 , 49, 237-49	4.3	12
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4	Hidden population modes in social brain morphology: Its parts are more than its sum		1
3	Spatial patterning of tissue volume loss in schizophrenia reflects brain network architecture		2
2	BIDS Apps: Improving ease of use, accessibility, and reproducibility of neuroimaging data analysis methods		3
1	Differential effects of early or late exposure to prenatal maternal immune activation on mouse embryonic neurodevelopment		1